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MAY 08 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
TECH CENTER 1600/2900

Appln. Serial No.: 09/871,424

Group Art Unit: 1651

Filing Date: 05/31/2001

Examiner: Guo, Lynda

Applicants: Goueli et al

Attorney Docket No.: 34506.105

Title: ASSAY FOR KINASES AND PHOSPHATASES

RESPONSE TO OFFICE ACTION DATED FEBRUARY 3, 2003

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In response to the Office Action mailed February 3, 2003, Applicants request favorable reconsideration of the objections and/or rejections in view of the following amendment and accompanying remarks.

IN THE SPECIFICATION

At page 9, please delete the paragraph spanning lines 16-23 and insert in its place the following paragraph:

B1
-- **Fig. 10:** Comparison of reaction products: the present invention vs. the conventional phospholipid extraction procedure. Activities were assessed using 1 μ g of PI4P + 10 μ g of PS as reaction substrates and purified PI-5K (2.5 ng) as the enzyme. The reaction was carried out for 10 minutes (lanes 1 and 2) and 0 minutes (lanes 3 and 4). The reaction was worked up using the conventional phospholipid extraction procedure as illustrated in Fig. 1 (lanes 2 and 4) or according to the subject invention (lanes 1 and 3). When the reaction was performed on membrane sheets, 40% of bound reaction products were re-extracted for TLC analysis. --